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Dkt. 2271/71535

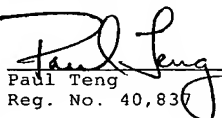
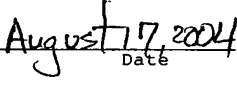
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Satoru SUGAWARA, et al.

Serial No.: 10/803,072

Date Filed: March 17, 2004

For: VARIABLE-DIRECTIVITY ANTENNA AND METHOD FOR CONTROLLING
ANTENNA DIRECTIVITY

I hereby certify that this correspondence is being transmitted by facsimile transmission this date and is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
 Paul Teng Reg. No. 40,837	 Date

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the applicant's duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner.

It is respectfully requested that the information cited in annexed Form PTO-1449 be considered by the Examiner in connection with the above-identified patent application, and that such art be made of record in said application.

According to the August 5, 2003 OG Notice published by the Patent and Trademark Office, the Office has waived the requirement under 37 C.F.R. §1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each cited U.S. patent application publication for all U.S.

national patent applications filed after June 30, 2003 and for all international application that have entered the national stage under 35 U.S.C. §371 after June 30, 2003.

Accordingly, copies are submitted herewith for only references listed on the annexed Form PTO-1449 that are not a U.S. patent or U.S. patent application publication.

The items cited in the annexed Form PTO-1449 were cited in a European Search Report enclosed with an official Communication dated July 23, 2004 from the European Patent Office in connection with European application no. EP 04 25 1583 which corresponds to the above identified U.S. application. A copy of the July 23, 2004 Communication and European Search Report is also enclosed. Some of the references cited (Japanese patent application no. JP 06-350334, Japanese patent application no. 10-154911 and Japanese patent application no. 2001-24431) in the European Search Report were previously submitted with the Information Disclosure Statement Applicants filed on March 17, 2004. Accordingly, the previously submitted references are not repeated on the annexed Form PTO-1449.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the items are prior art. The items listed are submitted in good faith, but are not intended to substitute for Examiner's search. It is hoped, however, that in addition to apprising the Examiner of the particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

The filing of this Information Disclosure Statement is not an admission that the information cited herein is, or is considered to be,

material to patentability as defined in 37 C.F.R. §1.56(b).

A first Office Action has not been received in connection with the subject application. Accordingly, pursuant to 37 C.F.R. §1.97(b)(3), applicant believes that the present Information Disclosure Statement is timely filed and no fee or certification is due or required.

Alternatively, Applicants request consideration of this Information Disclosure Statement pursuant to 37 C.F.R. §1.97(c)(1). Applicant certifies, pursuant to 37 C.F.R. §1.97(e)(1), that each item of information listed on the Form PTO-1449 attached to this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. The date of mailing of the European Search Report is July 23, 2004, and therefore this Information Disclosure Statement is being timely filed, pursuant to 37 C.F.R. §1.97(c)(1).

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of such fee to Deposit Account No. 03-3125.

Respectfully submitted,



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Form PT 1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 2271/71535	Serial No. 10/803,072
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicants: Satoru SUGAWARA	
		Filing Date: March 17, 2004	Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	4 0 7 4 2 6 8	2/14/78	Olson			
	5 7 6 7 8 0 7	6/16/98	Pritchett			
	6 4 0 7 7 1 9	6/18/02	Ohira et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	JP	1 1 2 6 0 0 1 A	5/18/89	Japan			Abstract	
	DE	4 4 2 1 7 5 9 C1	4/13/95	Germany			Abstract	
	EP	0 8 1 2 0 2 6 A	12/10/97	European				
	EP	1 1 1 3 5 2 3 A	7/4/01	European				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.